



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/562,294

12/22/2005

Christophe Martin

FR 030072

3281

24737

7590

04/30/2008

PHILIPS INTELLECTUAL PROPERTY & STANDARDS

P.O. BOX 3001

BRIARCLIFF MANOR, NY 10510

EXAMINER

LANGHNOJA, KUNAL N

ART UNIT

PAPER NUMBER

2623

MAIL DATE

DELIVERY MODE

04/30/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/562,294	Applicant(s) MARTIN, CHRISTOPHE	
	Examiner KUNAL LANGHNOJA	Art Unit 2623	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 December 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 22 December 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>09/13/2007</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-7 and 9 are rejected under 35 U.S.C. 102(b) as being anticipated by Unger et al (United States Patent Application Publication 2002/0152473), hereinafter referenced as Unger.

Regarding claim 1, Unger teaches “a receiver apparatus” (Figure 3) comprising, “a number of components having power-on and power- off states, the receiver [300] comprising a low-power unit [302] for switching at least part of the components from one of said states, denoted current state, to the other state, the low-power circuit comprising a bi-stable circuit for storing the power-on and power-off states of said part of the components and for detecting a power switch command, in order that upon detection of said power switch command the bi-stable circuit causes said part of the components to be switched from their current states into their other states.” (Figures 3; Paragraphs 0024, 0025, 0032 and 0033)

Claim 2 is rejected wherein “the bi-stable circuit is arranged so that said part of the components are all triggered in the same states upon detection of said switch command.” (Paragraph 0024 and 0025)

Claim 3 is rejected wherein “low-power unit comprises a reset circuit for resetting the states of said components in their power-on states.” (Paragraph 0024)

Claim 4 is rejected wherein “the components are included in a main circuit for receiving broadcast programs and for supplying audio [206] and video [208] signals, the main circuit being connected to the low-power unit and to a power supply unit [220] for supplying power to the components, the power supply unit [220] comprising switching means [310] connected to at least said part of the components of the main circuit for switching said part of the components from their current states into their other states upon detection of a power switch command by the low-power circuit.” (Figure 3 Paragraphs 0021, 0024, 0025)

Claim 5 is rejected wherein “all components of the main circuit are switched to a same state upon detection by the low-power unit of a power switch command.” (Paragraphs 0024 and 0025)

Claim 6 is rejected wherein “upon detection by the low-power unit of a power switch command, the current states of the components being the power-on state, the power supply unit only supplies the low-power unit.” (Paragraph 0022 and 0023)

Claim 7 is rejected wherein “a front panel key to be pressed by a user to trigger said power switch command.” (Paragraphs 0024 and 0025)

Regarding claim 9, Unger teaches “a method of power control in a receiver” comprising, “a number of components, which need to be supplied by a power supply unit [220], the receiver [300] having a power-on operating mode wherein which said components of the receiver are in a power-on state and a low-power operating mode

wherein which at least part of said components are in a power-off state, the receiver [300] comprising a low-power unit [302] for switching the receiver from one operating mode, denoted current operating mode, to the other operating mode, the method comprising the steps of: - storing the states of said components in each of the two operating modes, - detecting a power control signal, - upon detection of said power control signal, switching said part of the components from their current states to their other states.” (Figure 3; Paragraphs 0023-025, 0032, 0033)

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 8 and 10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Unger, in view of Yang et al (United States Patent 5,278,654), hereinafter referenced as Yang.

Regarding claim 8, Unger teaches everything claimed (see claim 1), however the reference is unclear with respect to "which said power switch command to switch said part of the components to their power-off states is automatically triggered after a predefined timer has lapsed.”

Yang teaches “which said power switch command to switch said part of the components to their power-off states is automatically triggered after a predefined timer has lapsed.” (Col.4, lines 46-59) Accordingly, it would have been obvious to one having

ordinary skill in the art at the time the invention was made to add to “which said power switch command to switch said part of the components to their power-off states is automatically triggered after a predefined timer has lapsed” for the common knowledge purpose of unnecessary waste of power is prevented as well as overheating of the television is avoided.

Claim 10, is rejected wherein “at least part of the components include all components except the components of the low-power unit.” (Unger: Paragraph 0022-0023)

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KUNAL LANGHNOJA whose telephone number is (571)270-3583. The examiner can normally be reached on M-F 9 A.M- 5 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner’s supervisor, Scott Beliveau can be reached on 571-272-7343. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO

Application/Control Number: 10/562,294

Page 6

Art Unit: 2623

Customer Service Representative or access to the automated information system, call
800-786-9199 (IN USA OR CANADA) or 571-272-1000.

KL

/Scott Beliveau/

Supervisory Patent Examiner, Art Unit 2623